

SEQUENCE LISTING

<110> Roth, Monica

Bupp, Keith

<120> Targeting Viral Vectors to Specific Cells

<130> 601-1-095N

<140> not yet assigned

<141> 2001-06-13

<160> 27

<170> PatentIn version 3.0

<210> 1

<211> 65

<212> PRT

<213> moloney murine leukemia virus

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His Gly Pro Ser Tyr Trp Gly Leu Glu Tyr Gln Ser Pro Phe Ser Ser
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Pro Pro Gly Pro Pro Cys Cys Ser Gly Gly Ser Ser Pro Gly Cys Ser
20 25 30

Arg Asp Cys Glu Glu Pro Leu Thr Ser Leu Thr Pro Arg Cys Asn Thr
35 40 45

Ala Trp Asn Arg Leu Lys Leu Asp Gln Thr Thr His Lys Ser Asn Glu
50 55 60

Gly

65

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<213> moloney murine leukemia virus

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Lys Tyr Pro Ala Gly Arg Gln Arg Thr Arg Thr Phe Asp
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Leu Ser Lys Val Ser Asn Ser Phe Gln Gly Ala Thr Arg Gly
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Ala Arg Tyr Ser Ser Ser Lys Tyr Gly Cys Lys Thr Thr Asp Arg Lys
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Lys Gln Gln Gln Thr Tyr Pro
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Gln Asp Asn Ser Cys Glu
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His Ala Pro Ser Leu Gly Pro Lys Gly Thr His
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Asp Ser Trp Glu His Thr Glu Arg Thr Pro His Asn Ser Tyr Pro Pro
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Cys Arg His Ser Asp
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Gly Lys Arg Thr Arg Glu
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<213> Feline Leukemia Virus

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Tyr Pro Ser Ser Lys Tyr Gly Cys
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<210> 13
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<213> Feline Leukemia Virus

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Trp Glu Pro Met Ala Pro Asp Pro Arg Ser Trp Ala Arg Tyr Ser Ser
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Ser Lys Tyr Gly Cys
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<213> Amphotropic Murine Leukemia Virus

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Glu Glu Trp Asp Pro Ser Asp Gln Glu Pro Tyr Val Gly Tyr
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<213> Amphotropic Murine Leukemia Virus

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Pro Trp Asp Thr Gly Cys Ser Lys Val Ala Cys Gly Pro
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<212> PRT

<213> Amphotropic Murine Leukemia Virus

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Val Gly Asp Thr Trp Glu Pro Ile Val Leu Asn Pro Thr Asn Val Lys
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His Gly Ala Arg Tyr Ser Ser Ser Lys Tyr Gly Cys Lys
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<212> PRT

<213> Feline Leukemia Virus

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Val Gly Thr Asp Trp Glu Pro Met Ala Pro Asp Pro Arg Ser Trp Ala
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Arg Tyr Ser Ser Ser Thr His Gly Cys Lys
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<210> 19

<211> 19

<212> PRT

<213> Feline Leukemia Virus

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<213> Amphotropic Murine Leukemia Virus

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Lys Tyr Pro Ala Gly Arg Gln Arg Thr
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<213> Amphotropic Murine Leukemia Virus

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Pro Trp Asp Thr Gly Cys Ser Lys Val Ala Cys Gly Pro Cys Tyr Asp
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Leu Ser Lys Val Ser Asn Ser Phe Gln Gly Ala Thr Arg
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<210> 26

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<213> Homo sapiens

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Ser Pro Tyr Ser Ser Asp Thr Thr Pro Ala
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<211> 23

<212> PRT

<213> Moloney Mink Cell Focus-Inducing Virus

0998845722-0404

<400> 27

Asp Leu Ile Gly Asp Asp Trp Asp Glu Thr Gly Leu Gly Cys Arg Thr
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Pro Gly Gly Arg Lys Arg Ala
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